



IFwsrch.txt

"Lipeng Cao"  
"On transfer function and power consumption transient response"

<http://www.yahoo.com/>  
"On transfer function and power consumption transient response"

ieeexplore.ieee.org  
(lipeng cao<in>au)  
(mac11 e.<in>au)  
Improving the efficiency of power simulators by input vector compaction  
Stochastic sequential machine synthesis targeting constrained sequence generation  
Sequence compaction for probabilistic analysis of finite state machines

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((("0097348") or ("9989325") or ("9989325") or ("20030097348") or ("20030097348")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 08:39
S2	2	("6910025").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 08:42
S3	12	((("5,668,732") or ("5,682,320") or ("5,696,694") or ("5,754,463") or ("6,075,932") or ("20030097348")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 21:33
S4	83364	(power energy ) WITH (consumption estimation) WITH (CIRCUIT ckt MICRO\$1CIRCUIT ASIC logic design HW hardware hard\$1ware HUT DUT "device under test" device\$1under\$1test)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:27
S5	2748	(power.clm. energy.clm.) WITH (consumption.clm. estimation.clm.) WITH (CIRCUIT.clm. logic.clm. hardware.clm. hard\$1ware.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 08:54
S6	2481	(power.clm. energy.clm.) WITH (consumption.clm. estimation.clm.) WITH (CIRCUIT.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 08:54
S7	16	(power.clm. energy.clm.) WITH consumption.clm. WITH estimation.clm. WITH (CIRCUIT.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 12:00
S8	4	((("20060186938") or ("20060190203")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 14:20

## EAST Search History

S9	22	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar)) AND (periodgram period\$1gram autoperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:28
S11	1529	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar)) AND (Fourier adj2 transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:35
S12	2598	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar)) AND (((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:34
S13	8	S9 S11 S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/05 14:03
S14	10	("2848713"   "4047172"   "4070675"   "4431993"   "4527159"   "5132688").PN. OR ("5257211").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:12
S16	1	S14 AND ((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:16

## EAST Search History

S17	0	S14 AND (periodogram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autoperiodogram "auto periodogram" auto\$1periodogram "cross periodogram" crossperiodogram cross\$1periodogram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:13
S18	4	S14 AND (Fourier adj2 transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:25
S19	2	S14 AND (((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:13
S20	24	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (estimate\$3 approximate\$3 calculate\$3 assess\$3 predict\$3 determine\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar)) AND (periodogram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autoperiodogram "auto periodogram" auto\$1periodogram "cross periodogram" crossperiodogram cross\$1periodogram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:28
S21	2	S20 not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:16
S22	135	S11 AND ((power energy ) with (characterization characterized characterizing ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:34
S23	3	S20 AND ((power energy ) with (characterization characterized characterizing ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:24
S24	316	S12 AND ((power energy ) with (characterization characterized characterizing ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:23

## EAST Search History

S25	9	(US-20060190203-\$ or US-20060186938-\$).did. or (US-6910025-\$ or US-5696694-\$ or US-5754463-\$ or US-6075932-\$ or US-5682320-\$ or US-5668732-\$ or US-5257211-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/05 14:27
S26	1	S25 AND (periodgram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autopperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:47
S27	1	S25 AND (Fourier adj2 transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 14:29
S28	1	S25 AND (((power energy )adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 15:58
S29	1	S25 AND (((((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response)))) with (estimat\$3 approxim\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 15:08
S30	9	(US-20060190203-\$ or US-20060186938-\$).did. or (US-6910025-\$ or US-5696694-\$ or US-5754463-\$ or US-6075932-\$ or US-5682320-\$ or US-5668732-\$ or US-5257211-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/06 11:13
S31	6	S30 and ((input signal waveform wave\$1form wave voltage current) with (clustering cluster clustered group grouping grouped))	US-PGPUB; USPAT	OR	ON	2006/12/06 13:13
S32	42	(703/18.ccls. 703/13.ccls. 703/14.ccls.) AND (((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response))) with (estimat\$3 approxim\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 16:01
S33	4	S32 and ((input signal waveform wave\$1form wave voltage current) with (clustering cluster clustered group grouping grouped))	US-PGPUB; USPAT	OR	ON	2006/12/06 13:13
S34	5	(US-20030098668-\$ or US-20040230343-\$ or US-20060005055-\$).did. or (US-6985799-\$ or US-6572376-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/06 15:08

## EAST Search History

S35	16	(US-20020133792-\$).did. or (US-6735744-\$ or US-6212665-\$ or US-5673420-\$ or US-5473548-\$ or US-5668732-\$ or US-5768145-\$ or US-6363515-\$ or US-6321185-\$ or US-5696694-\$ or US-5838947-\$ or US-5847966-\$ or US-6832361-\$ or US-6157903-\$ or US-5625803-\$).did. or (US-20020133792-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/06 15:08
S36	0	(S34 S35) AND (((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response))) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 15:22
S37	0	(S34 S35) AND Fourier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:41
S38	0	700/291.cds. AND (((power energy ) adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response))) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 15:57
S39	3	(S34 S35) AND (( transfer WITH function) (frequency WITH response) (frequency WITH domain WITH analysis) (impulse WITH response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 17:38
S40	41	(703/18.cds. 703/13.cds. 703/14.cds.) AND (((power energy ) WITH transfer WITH function) ((power energy ) WITH frequency WITH response) ((power energy ) WITH frequency WITH domain WITH analysis) ((power energy ) WITH impulse WITH response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 16:01
S41	31	S40 AND ((power energy ) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 16:06

## EAST Search History

S42	7	S41 AND Fourier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 17:37
S46	104	((power energy ) with (measure measured measurement measuring parameter parameterization monitor monitored monitoring) with (estimat\$3 approximat\$3 calculat\$3 assess\$3 predict\$3 determin\$3 interpolate interpolated interpolating interpolation extrapolate extrapolated extrapolating extrapolation "table lookup" table\$1lookup table\$1look\$1up bisect\$3 curve\$1fit\$4 (curve adj fit\$4) "binary search" relating relationship correlation correlating correlate correlated association associating associate coincidence coincide coinciding coincident compare compared comparing comparison comparable compatible compatibilities similarity similar)) AND (periodgram period\$1gram autoperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:28
S47	973	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (measure measured measurement measuring parameter parameterization monitor monitored monitoring)) AND (Fourier adj2 transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:29
S49	79675	(power energy ) WITH (measure measured measurement measuring parameter parameterization monitor monitored monitoring) WITH (CIRCUIT ckt MICRO\$1CIRCUIT ASIC logic design HW hardware hard\$1ware HUT DUT "device under test" device\$1under\$1test)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:34
S50	1441	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (measure measured measurement measuring parameter parameterization monitor monitored monitoring)) AND (((power energy )adj2 transfer adj2 function) (frequency adj2 response) (frequency adj2 domain adj2 analysis) ((power energy ) with (impulse adj2 response)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:34
S51	973	((power energy ) with (consumption consuming consume consumed utilization utilized utilize utilizing ) with (measure measured measurement measuring parameter parameterization monitor monitored monitoring)) AND (Fourier adj2 transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:35
S52	729	(S46 S47 S49 S50 S51) AND (Fourier with (power energy ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:49
S53	383	S52 AND (( transfer WITH function) (frequency WITH response) (frequency WITH domain WITH analysis) (impulse WITH response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:15



## EAST Search History

S54	31	S53 AND (periodgram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autoperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 21:49
S55	0	(10/161133).APP.	USPAT; USOCR	OR	ON	2007/01/04 13:34
S56	6	((("6128350") or ("6456653") or ("20020110138")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 13:34
S57	17	(US-20030125922-\$ or US-20060190203-\$ or US-20060186938-\$ or US-20030055630-\$ or US-20030074191-\$ or US-20030223354-\$ or US-20020110138-\$.did. or (US-5696694-\$ or US-5668732-\$ or US-5754463-\$ or US-7076405-\$ or US-6910025-\$ or US-6075932-\$ or US-5682320-\$ or US-5257211-\$ or US-6456653-\$ or US-6128350-\$.did.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:21
S58	3	S57 AND (impulse WITH response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:20
S59	5	S57 AND (frequency WITH response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:20
S60	0	(Synopsys WITH (DesignPower PowerGate)) AND (Fourier ( transfer WITH function) (frequency WITH response) (frequency WITH domain WITH analysis) (impulse WITH response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 17:49
S61	4	S57 AND (periodgram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autoperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:20
S62	8	("5557531"   "5682320"   "5847966"   "5872471"   "5966523"   "6272663"   "6324679"   "6363515").PN. OR ("7076405").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:19
S63	0	S62 AND (impulse WITH response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:20

## EAST Search History

S64	0	S62 AND (frequency WITH response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:20
S65	0	S62 AND (periodgram period\$1gram periodogram periodo\$1gram "auto adj2 power adj2 spectrum" autoperiodgram "auto periodgram" auto\$1periodgram "cross periodgram" crossperiodgram cross\$1periodgram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:16
S66	8	S57 AND ( transfer WITH function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:46
S67	3	("7110420").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 19:47